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Date: 09/23/2014 02:22 PM
Subject: URGENT: South PK Blender Dust Collector - Title V

All,

Below are pictures of what I found when checking on the south PK blender dust collector differential pressure. The dP had dropped to about 2.5" H2O(out of 3-5" Title V range). This drop happened sometime between yesterday afternoon and this morning.

I checked both dust collection ports on the PK blender discharge and again found both of them plugged after a weekend's worth of runtime. The system itself is a double wall system where the inner chamber if for discharging powder and the outer section is for nuisance dust collection. There is just a small lip at the top of the chamber where discharging powder can overflow into the dust collection side of the chamber. This means the entire inner portion of the chamber is getting full and spilling into the dust collection side. Eventually, this spillage fills up the entire dust collection port and chokes off flow, lowering the differential pressure on the dust collector and also essentially eliminating dust collection on the discharge of the PK. The dust collector will **NOT** be within Title V ranges if these ports are blocked off with material.

The location of the dust collector ports may be moved in the future to try and avoid this from happening, but if the entire chamber fills up it makes it extremely difficult to prevent pluggage.

GL's/engineers, please make sure operators understand to unload the PK in as controlled a fashion as possible to avoid overfilling of this chamber. It is dust and difficult to clean out and will take us out of title V compliance. Please add this to the PK batch sheets and the cleaning of this chamber to the PK blender cleanout sheets. Thanks

Regards,

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